

# INSTRUCTION SHEET FOR BENJAMIN AIR PISTOLS

Nos. 110-112-117-150

STATE MODEL OF GUN WHEN WRITING TO FACTORY ABOUT IT, and show model number on all orders for parts and ammunition or other supplies. Enclose U. S. stamped self-addressed envelope with all inquiries.

IMPORTANT—ALWAYS KEEP PISTOL ON SAFETY to prevent accidental discharge, until you are ready to shoot.

TO PUMP UP PISTOL hold it in the right hand and pull pump lever away from barrel with thumb and index finger on left hand, then swing it all the way out or until pump washer passes air intake hole in pump barrel and push down on lever to fold it back against barrel with handle in palm of left hand, as shown, being careful to keep fingers apart so they will straddle pump barrel to avoid pinching them. Pump four or five strokes for ordinary use; seven or eight strokes give maximum shooting force. KEEP SAFETY ON WHILE PUMPING. If pump binds and does not work freely, see that muzzle plug screws are tight and oil external moving parts to prevent wear and rust. Do not allow gasoline or oil to reach valves or enter air chamber as it will soften valve packing and may expand under pressure.



THERE IS NO ADVANTAGE IN PUMPING THESE GUNS UP TOO MUCH, as excessive internal pressure will not permit outlet valve to open wide when firing thus reducing shooting force, besides excessive strain will bend or break pump rod and other parts. If gun is hard to pump be sure you are not pumping against full air chamber. We are not responsible for broken pump levers or fulcrums, or bent pump rods. To reduce excessive internal pressure fire blank several times or until air chamber is empty.

No. 110 SHOOTS LEAD OR STEEL AIR RIFLE SHOT. After pistol is pumped up turn button on bolt to left until pin clears breech cap and pull bolt all the way back until trigger engages hammer when you will hear a click, THEN PRESS A ROUND AIR RIFLE SHOT (BB) IN END OF BOLT which is bored out for this purpose (not in hole on side of bolt which is for another purpose); push bolt forward and lock it by turning button to right which seals breech end of shot barrel and prevents air from escaping when firing, also advances shot to firing position, and shot will not roll out when aiming below level. CALIBER .177 DARTS can also be used in No. 110 by pushing pointed end into shot barrel at breech, for playing games with a light charge of air. Use only best grade lead air rifle shot (BB) in this model for accurate shooting.

No. 112 SHOOTS CAL. 22 LEAD PELLETS. After bolt is pulled back place the pellet in breech opening at end of shot barrel with solid round end of pellet forward, then push bolt in and lock it, which advances pellet to firing position. PELLETS MUST BE HIGHEST GRADE TO SEAL RIFLING IN SHOT BARREL FOR ACCURATE SHOOTING. USE CAL. 22 GENUINE BENJAMIN H-C PELLETS FOR BEST RESULTS; WE DO NOT GUARANTEE SATISFACTORY PERFORMANCE WITH OTHER BRANDS. If your dealer cannot furnish Cal. 22 Genuine Benjamin H-C Pellets order direct from factory. Do not use Darts in this model as they are made of steel and may damage rifling in shot barrel.

No. 117 SHOOTS CAL. 177 LEAD PELLETS. After bolt is pulled back place the pellet in breech opening at end of shot barrel with solid round end of pellet forward, then push bolt in and lock it, which advances pellet to firing position. PELLETS MUST BE HIGHEST GRADE TO SEAL RIFLING IN SHOT BARREL FOR ACCURATE SHOOTING. USE CAL. 177 GENUINE BENJAMIN H-C PELLETS FOR BEST RESULTS; WE DO NOT GUARANTEE SATISFACTORY PERFORMANCE WITH OTHER BRANDS. If your dealer cannot furnish Cal. 177 Genuine Benjamin H-C Pellets order direct from factory. Do not use Darts in this model as they are made of steel and may damage rifling in shot barrel.

No. 150 SHOOTS STEEL AIR RIFLE (BB) SHOT ONLY. Fill the shot magazine with a steel shot and release feeder handle gently. After pistol is pumped up turn button on bolt to left until pin clears breech cap and pull bolt all the way back until trigger engages hammer when you will hear a click, then push bolt forward and lock it by turning button to right which seals breech end of shot barrel and prevents air from escaping when firing, also advances shot to firing position. After this is done the bolt should not be pulled back again until the gun has been fired, as each time the bolt is pulled back another shot automatically feeds from magazine and if the shot which was previously placed in firing position has not been discharged it will be released and roll out. Use only highest quality and uniform steel shot for best results. Ordinary steel (BB) shot with flats or dents will not give satisfactory operation. DO NOT USE LEAD AIR RIFLE (BB) SHOT in this model. Do not use steel shot over again if it is in any way damaged. We will not assume any responsibility under our guarantee if lead shot or poor grade and damaged steel shot is used in this model. At least two or more shots must be kept in magazine for shooting as the last shot is not fired out since it acts as a part of the feeding mechanism; however, the last shot can be removed if desired by tilting gun barrel so that it will fall out through feeding hole.

AFTER PISTOL IS LOADED TAKE SAFETY OFF by pushing safety button to left before aiming and firing; IF YOU DO NOT FIRE PUT SAFETY ON AGAIN AND KEEP IT ON until you are ready to shoot.

DO NOT PUT PISTOL AWAY WITH A LOAD AND DO NOT FIRE UNLESS IT IS CHARGED WITH AIR. This pistol has a hair trigger adjusted between 2 and 3 pounds same as used on fire arms.

IF PUMP LOSES COMPRESSION and does not offer any resistance when pushing pump rod in several times, take pump rod assembly out after removing muzzle plug screws and look at pump washer which may be too stiff and will not open up allowing the air to escape around it; soften pump washer with a little vaseline if dry, but be sure to wipe all excess grease off thoroughly. When pump washer is worn it should be replaced, and be sure pump rod screw is tightened securely, then trim edge of washer flush or even with top of brass washer by tying a string around outside of washer to hold it in place. To assemble pump rod in pump barrel, take pistol in left hand and hold pump assembly in right hand at a slight angle with slot in pump barrel up, then rotate pump rod and guide pump washer in barrel with fingers of left hand, at the same time bring pump rod gradually in line with pump barrel and push pump washer in to bottom of slot of pump barrel; use end of small screw driver or pocket knife blade to hold pump washer down until it passes slot in pump barrel, then put back the muzzle plug screws and tighten them.

SOMETIMES VALVES LEAK ON FIRST PUMP, but usually seat themselves after pressure is raised in air chamber, unless they are worn. YOU CAN KEEP A LIGHT CHARGE OF AIR in pistol to keep valves seated. Usually all of the air is not discharged when firing and fewer pump strokes will be needed for recharging. If there is no pressure in air chamber when you start pumping it may sometimes be necessary to cock the hammer which takes pressure off the outlet valve.

IF GUN IS OUT OF ORDER it should be returned to factory for repairs unless you have special tools for servicing this model. SHIP THE COMPLETE PISTOL TO FACTORY care-fully packed by PREPAID EXPRESS for examination and SEND A LETTER TO FACTORY BY MAIL at the same time shipment is forwarded advising what the trouble is. AIR PISTOLS ARE NOT ADMITTED IN U. S. MAIL TO INDIVIDUALS AND MUST BE SHIPPED BY EXPRESS.

REAR SIGHT ON ALL MODELS IS ADJUSTABLE and can be moved to right or left when checking sights; shooting slightly high or low is not a defect as this can be corrected when sighting.

WE DO NOT MAKE PARTIAL REPAIRS. Order individual parts also tools if needed to make necessary repairs. We will not assume responsibility for satisfactory operation of new parts unless we overhaul the gun.

## KEEP FOR FUTURE REFERENCE

### Nos. 110-112-117-150 Repair Parts—Description of Parts and Price List

Parts marked \* not subject to replacement—do not order

101	Breech Cap (State Model)	\$0.35	1124	Muzzle Plug	.75
102	Breech Cap Screws	Ea.	1125	Front Sight	1.00
103	Trigger	.05	1126	Rear Sight (Adjustable)	.25
104	Trigger Pin	.10	1127	(Not Shown)	.15
105	Trigger Spring	.25	1128	Pump Expander (Not Shown)	.15
106	Stock Washers	Ea.	1129	Pump Barrel	.15
107	Pump Washer	.05	1130	Pump Lock Washer	.15
108	Pump Assembly	.10	1131	(Not Shown)	.15
109	Stock Screws	.05	1502	Pump Lever	.75
110	Packing Ring	.25	1503	Pump Link	.50
111	Outlet Valve	.75	1504	Muzzle Plug Screws	.05
112	Inlet Valve	.50	1505	Lever Latch Screw	.15
113	Outlet Valve Seat	.50	1506	Lever Latch	.15
114	Stock Frame	2.50	1507	Air Chamber	.15
115	Left Hand Stock	.75	1508	Pump Hinge Screw	.15
116	Right Hand Stock	.75	1509	Plug Hinge Pin	.10
117	Outlet Valve Lock Screw	.50	1510	Shot Barrel	.10
118	Brass Washer	.15	1511	Link Hinge Pin	.10
119	Valve Spring	.50	1512	Sight Screw	.10
120	Pump Rod Screw	.10	1513	Lever Latch Spring	.15
121	Safety Spring	.35	1514	Pump Rod Only	.75
122	Safety Button	.10	1515	Pump Lock Pin	.10
123	Bolt Bearing	.10	1516	Gun Barrel	.75
124	Bolt Handle Spring Washer	.15	1517	Pump Rod Nut	.75
125	Relay Bearing	.15	1518	Muzzle Plug	.75
126	Rear Assembly Screw	.10	1519	Front Sight	1.00
127	Bolt Button	.25	1520	Pump Barrel	1.50
128	Bolt Complete (State Model)	1.50	1521	Bolt Complete	.15
129	Bolt Guide Screw	.15	1522	Feed Stop	.15
130	Trigger Relay Pin	.75	1523	Shot Stop Spring	.15
131	Trigger Relay (Sear)	.10	1524	Feeder Spring	.25
132	Bolt Button Screw	.10	1525	Feeder Plunger	.50
133	Hammer Pin	.10	1526	Feeder Plunger Retainer	.15
134	Hammer Spring	.25	1527	Feed Stop Spring	.15
135	Bolt Friction Spring	.10	1528	Feed Stop	.15
136	Bolt Bearing	.10	1529	Feeder Guide	1.00
137	Pump Lever	.75	1530	Feeder Block	1.00
138	Muzzle Plug Screws	.05	1531	Hammer Pin	.10
139	Muzzle Latch Screw	.15	1532	Feeder Block Screws—Ea.	.05
140	Lever Latch	.15	1533	Feed Stop Screw	.05
141	Air Chamber	.15	1534	Lead Air Rifle Shot, per lb.	.75
142	Pump Hinge Screw	.10	1535	Steel Air Rifle Shot, per lb.	.75
143	Handle Pins	.10	1536	Cal. 177 Pellets (packed 500)	3.50
144	Plug Hinge Pin	.10	1537	Cal. 22 Pellets (packed 500)	3.50
145	Shot Barrel	.10	1538	Cal. 177 Pellets (packed 250)	4.60
146	Link Hinge Pin	.10	1539	Cal. 22 Darts, dozen	1.20
147	Sight Screw	.10	1540	25 ft. Pistol Targets, Per 100	2.00
148	Lever Latch	.15		Per 500	2.00
149	Pump Rod Only	.75		Per 1000	3.50
150	Pump Lock Pin	.10			3.75
151	Gun Barrel	.75			.75
152	Pump Rod Nut	.75			1.00
153	Muzzle Plug	.75			2.00
154	Front Sight	1.00			
155	Pump Barrel	1.50			
156	Bolt Complete	.15			
157	Feed Stop	.15			
158	Shot Stop Spring	.15			
159	Feeder Spring	.25			
160	Feeder Plunger	.50			
161	Feeder Plunger Retainer	.15			
162	Feed Stop Spring	.15			
163	Feed Stop	.15			
164	Feeder Guide	1.00			
165	Feeder Block	1.00			
166	Hammer Pin	.10			
167	Feeder Block Screws—Ea.	.05			
168	Feed Stop Screw	.05			
169	Lead Air Rifle Shot, per lb.	.75			
170	Steel Air Rifle Shot, per lb.	.75			
171	Cal. 177 Pellets (packed 500)	3.50			
172	Cal. 22 Pellets (packed 500)	3.50			
173	Cal. 177 Pellets (packed 250)	4.60			
174	Cal. 22 Darts, dozen	1.20			
175	25 ft. Pistol Targets, Per 100	2.00			
176	Per 500	2.00			
177	Per 1000	3.50			
178	Leather Holster with snap buttons on belt loop and safety strap	.75			
179	Fixture for Shaping and Trimming Leather Pump Washer	.15			
180	Wrench for Unscrewing Outlet Valve Lock Screw	1.00			
181	Tool for Extracting Outlet Valve Seat	2.00			

ENCLOSE PAYMENT WITH ORDERS for ammunition or parts and tools and advise catalog number or model of gun. Send money order or bank draft if prompt shipment is wanted. We will not accept Stamps. Allow time for personal checks to clear. Do not enclose cash unless registered. Minimum Order 50¢. INCLUDE 25¢ for PACKING AND POSTAGE with orders for supplies and parts, under \$5.00; over \$5.00 add 5% to order for shipping charges in U.S.A. WE PREFER NOT TO SHIP C.O.D. We do not return old parts.

